

ABSTRACT

A locking structure of a unidirectional spanner comprises a spanner body having a receiving chamber and at least one directional control communicated with the receiving chamber; a toothless ratchet receiving in the receiving chamber; at least one directional control device receiving in the directional control groove; the directional control device being formed by a directional control unit and an elastomer; the directional control unit being locked with the toothless ratchet. If the spanner body moves, a reverse force will apply to the toothless ratchet; when the reverse force causes the directional control unit to move away from the elastomer, the toothless ratchet will be locked by the directional control unit so that the toothless ratchet rotate synchronously with the spanner body. When the reverse force cause that the directional control unit can compress the elastomer, the toothless ratchet will rotate independently, namely, not rotate synchronously with the spanner body.